Monolith-6000JA

Intel® Bay Trail
Celeron J1900 2.0GHz processor



Features

- Intel® Celeron® J1900 quad-core 2.0 GHz processor
- 1 x DDR3 1333MHz SDRAM, max.8GB, 1 x 2.5" SATA SSD
- 1 x mPCIe (Wifi+BT,4G) , 1 x mSATA SSD
- M12 I/O ports：1 x HDMI / 2 x LAN / 2 x USB / 1 x COM
- Aluminum alloy casing , Full system IP67 level dustproof & waterproof
- Wide Operating Temperature -20°C to 70°C
- 12V to 24V DC Wide Range Power Input

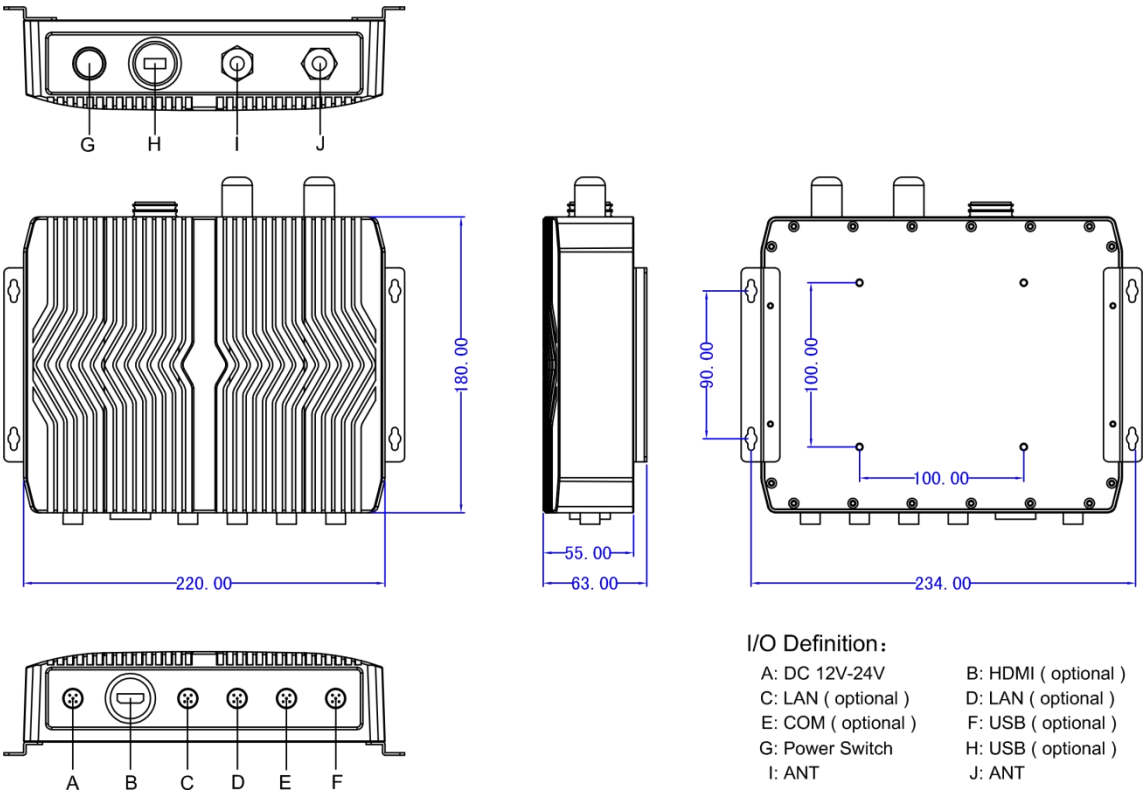
Specifications

System	
CPU	Intel® Bay Trail Celeron J1900 Quad-core 2.0GHz
L2 Cache	2.0MB
TDP	10W
System Chipset	Integrated with Intel® SoC
Memory	1 x DDR3L 1333MHz 4GB, Up to 8GB
Harddisk	1 x mSATA 128G SSD / (250G / 500G / 1TB SSD) / 1 x 2.5" SATA
Graphics	Intel HD Graphics
Network	Intel® 226-V GbE LAN
Audio	Realtek ACL662 Audio controller
Operation System	Windows 7 / 8 / 10 , Linux, Ubuntu
I / O	
VIDEO	1 x H-DMI
Ethernet	2 x M12 Waterproof Giga LAN RJ45 Connector
USB	2 x M12 Waterproof Connector For USB2.0
COM	1 x M12 Waterproof Connector For COM
Wireless Network	Optional (WiFi / Bluetooth / 4G / 5G)
Other I/O Interface	1 x Power Switch
Expansion	
mPCe	1 x mPCe (PCIe+USB, Wifi+BT+4G)
SIM Socket	1x SIM Socket
Power	
Power Adapter	1 x Optional AC/DC 12V/5A , 60W
Power Input	2-Pin M12 Power Input 12~24VDC
Power Consumption	≦25W
Physical	
Material	Aluminum Alloy Shell
Color	Grey / Silver / Black (optional)
Product Dimension	220 x 180 x 55 mm
Mounting	232 x 90 mm / 100 x 100 mm
Packing Size	360 x 180 x 320 mm
Weight (Net)	1.5 KG

We reserve the right to change specifications and product descriptions at any time without prior notice.

Environment	
Operating Temperature	-20~70°C (-4~158°F)
Storage Temperature	-30~80°C (-22~176°F)
Relative Humidity	5%~95%@40°C, non-condensing
Vibration Range	1.5 Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis
IP Level	IP67 / IP69K
EMC	CE, FCC , Class A , ROHS

Dimension & I/O



I/O Definition：

A: DC 12V-24V	B: HDMI (optional)
C: LAN (optional)	D: LAN (optional)
E: COM (optional)	F: USB (optional)
G: Power Switch	H: USB (optional)
I: ANT	J: ANT

Ordering info

Available models	Description
Monolith-6000JA	Embedded Fanless Industrial Computer Intel® Bay Trail Celeron J1900 2.0GHz Processor

Packing list

1 x Standard product
1 x 60W PSU (Power Supply)
1 x Fixed support
2 x M12 Waterproof USB Cable 2M
1 x M12 Waterproof COM Cable 2M
2 x M12 Waterproof LAN Cable 2M
1 x Waterproof HDMI Cable 2M
1 x CD-ROM